

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A chemical mechanical polishing slurry comprising polishing grains, ammonium nitrate as an oxidizing agent, 1,2,4-triazole as a polishing promoter for a copper metal film and water in which pH is within a range of 3 to 4, wherein the ammonium nitrate is a major component for providing oxidative property of the slurry.
2. (original): The chemical mechanical polishing slurry as claimed in Claim 1 wherein a concentration of 1,2,4-triazole is within a range of 0.05 to 5 wt%.
3. (original): The chemical mechanical polishing slurry as claimed in Claim 1 wherein a concentration of ammonium nitrate is within a range of 0.1 to 5 wt%
4. (original): The chemical mechanical polishing slurry as claimed in Claim I wherein a weight ratio of 1,2,4-triazole to ammonium nitrate (1,2,4-triazole concentration / ammonium nitrate concentration) is within a range of 0.01 to 5.

5. (original): The chemical mechanical polishing slurry as claimed in Claim 1 wherein the total of an ammonium nitrate and a 1,2,4-triazole concentrations is 5 wt% or less.

6. (original): The chemical mechanical polishing slurry as claimed in Claim 1 comprising a silica as polishing grains wherein a content of the silica is within a range of 0.1 to 10 wt%.

7. (original): The chemical mechanical polishing slurry as claimed in Claim 1 wherein a composition ratio of the slurry is adjusted such that a polishing rate ratio of a copper film to a tantalum film (Cu polishing rate / Ta polishing rate) is 1/3 to 1/1.

8. (new): A chemical mechanical polishing slurry comprising polishing grains, ammonium nitrate as an oxidizing agent, 1,2,4-triazole as a polishing promoter for a copper metal film and water in which pH is within a range of 3 to 4, wherein

the ammonium nitrate is a major component for providing oxidative property of the slurry,

a concentration of 1,2,4-triazole is within a range of 0.05 to 5 wt%,

a concentration of ammonium nitrate is within a range of 0.1 to 5 10 wt%, and

a weight ratio of 1,2,4-triazole to ammonium nitrate (1,2,4-triazole concentration / ammonium nitrate concentration) is within a range of 0.01 to 5.

9. (new): The chemical mechanical polishing slurry as claimed in Claim 8 wherein the total of an ammonium nitrate and a 1,2,4-triazole concentrations is 5 wt% or less.